

NASA JPSS Flight Project User Feedback & Experiences

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General

- ▶ Primarily provides access to health & safety (eg telemetry) information
- ▶ Very convenient to have available online
- ▶ Presentation (day/month/year/life) makes trends and outliers very apparent
- ▶ ICVS administrators are very responsive to questions and requests
- ▶ Suggestions for future capabilities
 - Allow users to change plot scales
 - Provide data download capability
 - Provide a tool for converting UTC time to orbit number & spacecraft time(day, millisecs)

ATMS Scan Drive Example

- ▶ The ATMS Scan Drive has shown periods of high current multiple times throughout the SNPP Mission
- ▶ ICVS has been very helpful in providing insight into the scan drive behavior
 - Very convenient to have available online
 - Anyone (eg management) can monitor the current and other associated telemetry from their desks
 - Presentation (day/month/year/life) makes trends and outliers very apparent
 - Subtle trends are highlighted in the orbital averages when not obvious in the detailed 'every point' data
 - ICVS administrators are very responsive to questions and requests
 - Most severe event in March 2015 made quick and easy access to the dwell (high rate telemetry) data very desirable
 - ATMS dwell is not contained in VCO/HK, so MOT currently does not have the ability to monitor
 - ICVS was able to display dwell data within a week of the request
 - High current event caused several parameters to exceed their nominal scales
 - ICVS updated scales within hours of it being noticed